



IPEC



INSIDE PASSAGE ELECTRIC COOPERATIVE

Alaska Energy Cost Reduction Program

Progress Report #6

12-17-07

Grantee: Inside Passage Electric Cooperative

Project Name: Hoonah Bulk Fuel Small Scale Retro-Fit

Grant # : 2195276

Period of Report: 10-27-07 to 12-14-07

Project Activities Completed: This is the sixth and last progress report for the above project.

The 12,000-gallon fuel tank installation was completed December 3, 2007.



Photo 1 Fuel Tank Complete-December 2007

Attached is an invoice for final work performed on the fuel tank project, see Attachment #1, for \$14,782.16

Project Manager's Conclusion:

The fuel tank upgrade for Hoonah was a valuable project. I.P.E.C. thanks the Alaska Energy Authority for recognizing this and providing the necessary support and funding.

The existing power plant fuel tank farm needed improvement. The installation of the new 12,000-gallon double-wall tank project provides a secure, safe, and accessible installation.

The project officially started with a proposal letter dated February 7, 2007, to David Lockard, AEA. The Grant Agreement was approved May 11, 2007 and the project was completed December 3, 2007.

There were small problems during the project that caused some delays and additional costs. Most notably was:

1. Not having a good breakdown of what accessories were ordered for the tank and how they would attach and complete the fuel piping and control.
2. Tank fuel return line was not constructed as expected. It needed to be installed from the top of the tank to bottom edge of skid.
3. Cleaning the old tanks and re-designing the fuel cargo feed line to allow easier fuel transfer.

The project was completed on time and over the budgeted amount by \$4,274.00. The overage amount was due to a decision to use funds early in the project for work that was not initially planned for. The cost of this work was \$4,500.00.

Overall, the project was constructed without major problems. There were a total of six (6) progress reports with budget summaries. Initially, problems were experienced with the second progress report, Budget Summary numbers. The format corrections were made with help from AEA personnel.

Grant fund disbursements were received quickly and accurately from A.E.A.